

Z-GLOBAL

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Description

Return the contents of global variables in the Con-nect global data area GL-STD.

Z-GLOBAL must be in the same library as the Con-nect modules.

Z-GLOBAL is a Natural subroutine. Therefore, you must use the PERFORM statement to invoke it.

In the parameter Variable-list, you must specify the number of each variable of which you want to return the contents.

Number	Variable Name	Description
01	G-CURRENT-CABINET	Name of the cabinet in which user is currently working.
02	G-USER-ID	Name of the private cabinet that was accessed using a password.
03	G-USER-NAME	Last name and first name of the user.
04	G-CURR-ISN	Adabas ISN of current Con-nect object.
05	G-LAST-ISN	Adabas ISN of last used Con-nect object.
06	G-COMMAND	Con-nect command that the user issued in the command line.
07	G-LAST-COMMAND	Last Con-nect command (this corresponds to the Con-nect command *= which is by default assigned to PF11).
08	G-COMMAND-SEQ	Blank for command sequence "command object name". An X for alternative command sequence "object name command".*
09	G-CURRENT-MAP	Name of the current map.
10	G-LANGUAGE	Language code.*
11	G-DEFAULT-FOLDER	Name of the default folder.*
12	G-DEFAULT-FILE	Name of the default file in the default folder.*
13	G-PRINT-TID	Terminal ID of the printer or "PC".*
14	G-PRINT-DEST	Name of the logical printer.*
15	G-PRINT-PROFILE-NAME	Name of the printer profile.*
16	G-FMT-PROFILE-NAME	Name of the formatting profile.*
17	G-PRINT-PS	Page length.*
18	G-PRINT-LS	Line width.*
19	G-S-SUBJECT-LINE	Subject of the mail item.
20	G-S-SEND-ISN	Adabas ISN of the original mail item.
21	G-S-OUTISN	Adabas ISN of the mail item in the Outbasket.

Note:

An asterisk (*) in the above list indicates a value that is defined in the profile of the current cabinet or that is defined with the OUTPUT command for the current session.

After you have performed Z-GLOBAL, the parameter Output-area contains the contents of the variables you specified.

When the contents of all variables exceeds 250 bytes - which is indicated by return code 99 - you must specify the number of each variable for which no output occurred once more in the parameter Variable-list and then perform Z-GLOBAL again to return the contents of the remaining variables.

Each variable that is returned in the parameter Output-area is preceded by a 6 byte long header:

Byte Number	Description
1 and 2	Variable number (see the above list).
3	Format of the variable: A or N.
4 to 6	Length of the variable.

For example, when you specify 01 in the parameter Variable-list and the current contents of G-CURRENT-CABINET (format A8) is LS, the following is returned in the parameter Output-area:

01A008LS

In the above example, the output is followed by 6 blanks since LS is only 2 bytes long.

Parameters

Parameter	Format	In	Out	Remarks
Return-code	N2		X	
Variable-list	N2/1:10	R		The number of each variable of which the contents is to be returned. See the above list.
Output-area	A250		X	The contents of each variable preceded by a 6 byte long header.

Return Codes

00	Success
99	Output-area not large enough for request

Subprograms

None

Example

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0010 DEFINE DATA LOCAL
0020 01 RETURN-CODE           (N2)
0030 01 VARIABLE-LIST        (N2/10) INIT <01,19,21>
0040 01 OUTPUT-AREA          (A250)
0050 01 REDEFINE OUTPUT-AREA
0060    02 OUTPUT-AREA-ARRAY (A1/250)
0070 01 OUT-INDEX (P3) INIT <1> /* points to position within OUTPUT-AREA-ARRAY
0080 *
0090 01 I      (P3)          /* loop count
0100 01 J      (P3)          /* loop count
0110 01 K      (P3)          /* loop count
0120 *
0130 01 HEADER   (A1/6)
0140 01 REDEFINE HEADER
0150    02 VAR-NUM   (N2)
0160    02 VAR-FMT   (A1)
0170    02 VAR-LENGTH (N3)
0180 *
0190 01 VAR-CONTENT (A1/60)
0200 01 REDEFINE VAR-CONTENT
0210    02 ALPHA     (A60)
0220 01 REDEFINE VAR-CONTENT
0230    02 NUMERIC   (N12)
0240 END-DEFINE
0250 *
0260 PERFORM Z-GLOBAL  RETURN-CODE VARIABLE-LIST(*) OUTPUT-AREA
0270 *
0280 FOR I 1 TO 3
0290 *
0300 IF RETURN-CODE EQ 99 /* output area not large enough
0310 AND
0320 OUTPUT-AREA-ARRAY(OUT-INDEX) EQ '' /* space instead of number
0330 OR
0340 OUT-INDEX > 250 /* last variable ended with byte 250
0350 WRITE '* Perform again to return contents of remaining variables *'
0360 ESCAPE BOTTOM
0370 END-IF
0380 *
0390 FOR J 1 TO 6           /* move number of variable and format
0400 MOVE OUTPUT-AREA-ARRAY(OUT-INDEX) TO HEADER (J)
0410 ADD 1      TO OUT-INDEX
0420 END-FOR
0430 *
0440 IF VAR-FMT EQ 'A'
0450   PERFORM MOVE-ALPHA
0460 ELSE                      /* if 'N'
0470   PERFORM MOVE-NUMERIC
0480 END-IF
0490 *
0500 IF VAR-NUM = 1
0510   WRITE ' Cabinet : ' ALPHA
0520 END-IF
0530 IF VAR-NUM = 19
0540   WRITE ' Subject line : ' ALPHA
0550 END-IF
0560 IF VAR-NUM = 21
0570   WRITE ' Outbasket ISN: ' NUMERIC
0580 END-IF
0590 *
0600 END-FOR

```

